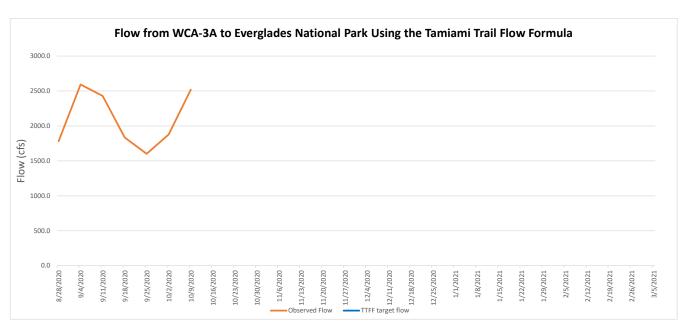
Tamiami Trail Flow Formula (TTFF) - Target Flow from WCA-3A to ENP

| Da | aily Target Flow for | | | 10/20/2020 | to | 10/26/2020 | MAX | cfs |
|--|--|--------------------------|---------|------------|----|------------|--------------|-------------|
| Observ | ed Stage Data | | | | | | | |
| Station | | Variable | | | on | 10/16/2020 | | Unit |
| WCA-3A (A | Average for Site 63, 64 and 65) | Average Daily Stage | | | | | 11.03 | ft-NGVD29 |
| NESRS2 | | Average Daily Stage | | | | | 7.90 | ft-NGVD29 |
| Regulatory | Stage WCA-3A | Stage | | | | | 10.40 | ft-NGVD29 |
| Observ | ed Flow Data | | | | | | | |
| Station | | <u>Variable</u> | From | 10/10/2020 | to | 10/16/2020 | <u>Value</u> | <u>Unit</u> |
| S-12A | | 7-day Average Daily Flow | | | | | 439 | cfs |
| S-12B | | 7-day Average Daily Flow | | | | | 323 | cfs |
| S-12C | | 7-day Average Daily Flow | | | | | 350 | cfs |
| S-12D | | 7-day Average Daily Flow | | | | | 705 | cfs |
| S-333 | | 7-day Average Daily Flow | | | | | 702 | |
| S-333N | | 7-day Average Daily Flow | | | | | N/A | |
| S-334 | | 7-day Average Daily Flow | | | | | | cfs |
| S-12s Total | 1 | 7-day Average Daily Flow | | | | | 1817 | cfs |
| S333 + S333 | 3N - S334 ¹ | 7-day Average Daily Flow | | | | | 702 | |
| Total Flow | to ENP | 7-day Average Daily Flow | | | | | 2519 | cfs |
| Meteo | rological Data | | | | | | | |
| <u>Forecast</u> | <u>ed</u> | | | | | | <u>Value</u> | <u>Unit</u> |
| WCA3 7-da | y Quantitative Precipitation Foreca | ast (QPF) | From | 10/17/2020 | to | 10/23/2020 | 1.45 | in |
| 3AS3WX - 7-day Total Forecasted PET | | | From | 10/17/2020 | to | 10/23/2020 | 0.91 | in |
| Observe | <u>d</u> | | From | 10/10/2020 | to | 10/16/2020 | <u>Value</u> | <u>Unit</u> |
| WCA-3 7-day Total Observed NEXRAD Rainfall | | | | | | | 1.71 | in |
| 3AS3WX 7- | day Total Observed PET | | | | | | 0.91 | in |
| | | TTFF App | alicati | ion | | | | |
| | | • • | | | | | | |
| 1 | Previous week target flow (calculated with forecasted 7-day QPF and PET) | | | | | | MAX | |
| 2 | Previous week target flow (recalculated with observed rainfall and PET) | | | | | | MAX | |
| 3 Adjustment for forecast (2-1) | | | | | | | | cfs |
| 4 | This week calculated target flow | | | | | | MAX | |
| 5 | This week target flow with adju | istment (3 + 4) | | | | | MAX | CTS |

| TTFF formula coefficients | | | | | | | | | | |
|---------------------------|-------------------|----------------------------------|-----------------------------|-------------------|--------------------------------|--|--|--|--|--|
| WCA-3A Average Stage (β1) | NESRS2 Stage (β2) | Previous 7-day Average Flow (β3) | Forecast Precipitation (β4) | Forecast PET (β5) | Regulation Schedule Stage (β6) | | | | | |
| 318.42 | -44.62 | 0.644 | 24.32 | -96.31 | -221.79 | | | | | |

MAX cfs

Average Daily Target Flow²



Target flow is distributed from east to west (S-333, S-12D, S-12C, S-12B, and S-12A) to prioritize water deliveries to NESRS first and WSRS second, subject to downstream

 $^{^{1}}$ S-333 + S-333N - S-334 becomes zero if the sum of S-333 and S-333N is less than S-334 flow. Calculation is done daily.

²Actual discharges may vary from target discharges because of changing hydrologic conditions.